

What is claimed is:

1. An endoscope comprising:
an elongated inserting portion; and
an operating portion which is mounted at the proximal
end of the inserting portion and includes a grip portion
gripped by an operator,
wherein the operating portion has therein a plate frame
and the plate frame has a notch portion to mount an image
pick-up unit.
2. An endoscope according to Claim 1, wherein the
image pick-up unit has proximal end surfaces of image
guiding fibers, an image forming optical system, and an
image pick-up device so that an optical image transmitted to
the proximal end surfaces of the image guiding fibers
inserted in the inserting portion are formed on the image
pick-up device for photoelectrically converting the image
via the image forming optical system.
3. An endoscope according to Claim 1, wherein the
image pick-up unit is mounted substantially in parallel with
the shape of the operating portion in the longitudinal
direction thereof.

4. An endoscope according to Claim 1, wherein the image pick-up unit is fixed to the plate frame via a mounting member.

5. An endoscope according to Claim 2, further comprising:

an image pick-up device holding unit which holds the image pick-up device;

an optical system holding portion which holds the image forming optical system;

a fitting portion which fits the optical system holding portion and the image pick-up device holding portion while advancing and returning them so that the image pick-up device can pick up the optical image outputted from the image forming optical system; and

a waterproof structure portion mounted to the fitting portion.

6. An endoscope comprising:

a long inserting portion; and

an operating portion which is mounted on the proximal end side of the inserting portion and which has a grip portion capable of being gripped by an operator,

the endoscope further comprising:

an electric device outputting predetermined signals;

an internal structure mounted in the operating portion, which is inserted in the grip portion from the proximal end side thereof to the distal end side;

a notch portion mounted to the internal structure; and electric device mounting means which is mounted to the internal structure and mounts the electric device to the notch portion.

7. An endoscope comprising:

a long inserting portion;

a grip portion which is mounted on the proximal end side of the inserting portion and which can be gripped by an operator;

an objective optical system which is mounted to a distal end portion of the inserting portion and which can transmit an optical image of a subject into the inserting portion;

image guiding fibers which can transmit the optical image incident from the distal end side via the objective optical system, to the proximal end side and which is inserted to the inserting portion so that the proximal end side extends in the grip portion from the inserting portion;

an optical image output portion which constitutes the proximal end side of the image guiding fibers and which outputs the optical image transmitted from the distal end

side; and

an image pick-up unit which is optically connected to the optical image output portion and which can pick up the optical image transmitted from the optical image output portion,

wherein the optical axis of the optical image outputted to the image pick-up unit from the optical image output portion is deviated from the central axis of a portion at which the image guiding fibers are extended in the grip portion.

8. An endoscope according to Claim 7, further comprising:

adjusting and fixing means which can adjust the bending amount of the image guiding fibers and which fixes the image pick-up unit.